SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-DcR3 antibody

Catalog Number: SL23737R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	DcR3
Immunogen:	KLH conjugated synthetic peptide derived from human DcR3: 51-150/300
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 IHC-P=1:100-500 IHC-F=1:100-500 IF=1:100-500 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human,Mouse(predicted:Dog,Cow,Sheep)
Predicted MW.:	30kDa
Subcellular Location:	Secretory protein
Background:	Apoptosis is induced by certain cytokines including TNF and Fas ligand in the TNF family through their death domain containing receptors. Several novel members in the TNFR family including DR3, DR4, DR5, and DR6 were recently discovered and function as cell death receptors. Two decoy receptors, DcR1 and DcR2, were recently identified to compete with DR4 and DR5 for their ligand TRAIL binding. A novel decoy receptor was more recently discovered and designated DcR3 and TR6, respectively. Unlike DcR1and DcR2, DcR3 is a soluble rather than a membraneassociated molecule. DcR3 binds to FasL and LIGHT andinhibits FasL and LIGHT induced apoptosis. DcR3 transcript is expressed in a number of lung and coloncarcinomas and in some normal tissues. **Function:** Decoy receptor that can neutralize the cytotoxic ligands

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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	TNFS14/LIGHT, TNFSF15 and TNFSF6/FASL. Protects against apoptosis. **Subcellular Location:** Secreted. **Tissue Specificity:** Detected in fetal lung, brain and liver. Detected in adult stomach, spinal cord, lymph node, trachea, spleen, colon and lung. Highly expressed in several primary tumors from colon, stomach, rectum, esophagus and in SW480 colon carcinoma cells. **Similarity:** Contains 4 TNFR-Cys repeats. **Database links:** **Entrez Gene:** 8771 Human Omim: 603361 Human **SwissProt:** O95407 Human **Unigene:** 434878 Human

[VALIDATION IMAGES]

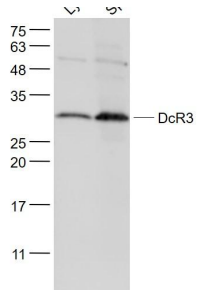


Figure 1. Sample: Lymph node (Mouse) Lysate at 40 ug Spleen (Mouse) Lysate at 40 ug Primary: Anti- DcR3 (SL23737R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 30 kD Observed band size: 30 kD

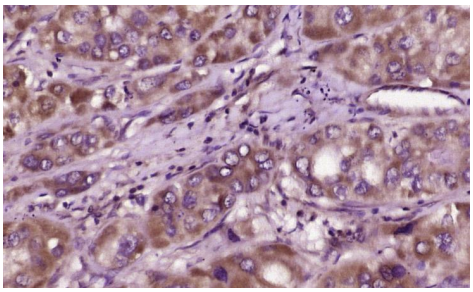


Figure 2. Paraformaldehyde-fixed, paraffin embedded (human liver carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (DcR3) Polyclonal Antibody, Unconjugated (SL23737R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining

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